

To: Ford, Robert[Ford.Robert@epa.gov]; Acree, Steven[Acree.Steven@epa.gov]
From: Ford, Robert
Sent: Thur 8/3/2017 5:56:48 PM
Subject: Conversation with Ford, Robert

Ford, Robert 12:36 PM:

Any knowledge of deep soil mixing to create a reactive barrier?

Acree, Steven 12:55 PM:

We were part of an effort using deep soil mixing to remediate a TCE source area (Fe-0 to degrade & reduced K/flux due to the mixing). I would have serious reservations about using straight deep soil mixing for a PRB> Nature has a way of creating layered systems with some coarser & finer layers. Mixing the fines with the coarser layers should result in an overall hinderance to water flow. I think it would take a special site to avoid ending up with a PRB with lower K than the layers that were moving the bulk of the water.